

FIRST WOMAN

NASA'S PROMISE FOR HUMANITY

National Aeronautics and
Space Administration



Reading Comprehension Guide

EDUCATOR GUIDE

ISSUE No. 1: DREAM TO REALITY

First Woman, a series of interactive graphic novels, follows fictional astronaut Callie Rodriguez, the first woman to explore the Moon. While Callie is a fictional character, the first female astronaut and person of color will soon set foot on the Moon—a historic milestone for NASA and humanity.

Issue No. 1

Dream to Reality follows Callie's trailblazing path as the first woman on the Moon. Callie and her robot sidekick, RT, overcome setbacks, disappointment, and tragedy along the way. From her childhood dreams of space travel to being selected as an astronaut, Callie takes us on her journey to the Moon.



First Woman graphic novels are virtual reality (VR) and augmented reality (AR) enabled. Download the free app—available on iOS and Android—to walk through life-size scenes from the graphic novel and explore NASA's highlighted technologies, which helped Callie, and will help real astronauts, sustain life on the Moon.

Students can interact with the graphic novel content by scanning the QR codes or through the AR environment, where they can meet RT and learn about tools used by astronauts, like Callie, to go to space!

LINKS

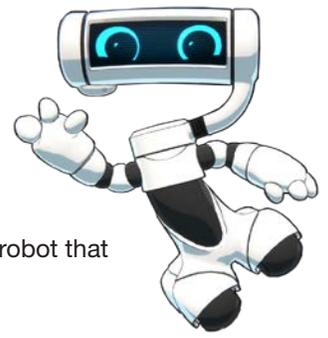
- Read Online: <https://nasa.gov/calliefirst/#book>
- Explore First Woman: <https://nasa.gov/calliefirst>
- WebAR: <https://nasa.8thwall.app/firstwoman/>
- Learn about Artemis: <https://nasa.gov/artemis>

READ THE STORY AND DISCUSS THE FOLLOWING QUESTIONS

1. Who was the first woman in space?
Valentina Tereshkova (pg. 8)
2. Why do you think RT was stowed in the bathroom of the Orion spacecraft on the way to the Moon?
To save space (pg. 5)



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? QUESTIONS (continued)

3. Where did Mrs. Hernandez recommend that Callie go based on the doodles on her homework?

Space Camp (pg. 14)

4. What did Callie make for the science fair?

Robot, RT (pg. 18)

5. Who is RT named after?

Callie's dad. (pg. 23)

6. What job did Callie do after college? How do you think this experience made her a better astronaut?

Teacher (pg. 25)

7. What kinds of equipment will be at the Artemis Base Camp?

Answers will vary. Garden, house, laboratory, rover, etc.

8. What are some skills Callie learned on her journey to becoming an astronaut? How did these skills help her on the Moon?

Answers will vary. Scuba diving, photography, Japanese, pilot (pg. 27)

9. What is the name of the type of robot that Callie and Dan rescued?

PUFFER (pg. 24)

10. What emergency did the astronauts encounter while investigating the lava tunnel?

Radiation flare (pg. 37)

11. **BONUS:** What was RT's original purpose?

Tutor for children (pg. 28)



WRITING EXTENSION EXERCISE

Who inspires you?

Callie's dad inspired her to choose a STEM career, so much so that she named her robot after him. Who is someone in your life that inspires you? What traits do you admire about them? What have they inspired you to do or become?

ART EXTENSION EXERCISE

What would your robot do? Draw a picture of what your robot would look like.

Callie made her first version of RT out of paper towel rolls and a later version out of car parts. If you were building your own robot, what materials would you use? What skills would you want to teach your robot? Draw a picture of what your robot would look like. Label the parts and the functions.